

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. LOMAU.138A	APPLICATION NO. 09/921,158
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		O I P E SEP 04 2001 P A T E N T & T R A D E M A R K O F F I C E	
		APPLICANT Yong Hua Zhu, et al	FILING DATE August 1, 2001
		GROUP Unknown	1C971 U.S. PTO 09/921,158

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
PR	1,064,307	06/10/13	Fleming			
	3,893,454	07/08/75	Hagelin			
	3,920,021	11/18/75	Hillebrandt			
	4,530,698	07/23/85	Goldstein, et al.			
	4,585,437	04/29/86	Simms			
	4,622,970	11/18/86	Wozniak			
	4,889,112	12/26/89	Schauchner, et al.			
	4,905,267	02/27/90	Miller, et al.			
	4,999,235	03/12/91	Lunn, et al.			
	5,006,106	04/09/91	Angelchik			
	5,242,387	09/07/93	Loughlin			
	5,257,979	11/02/93	Jagpal			
	5,259,835	11/09/93	Clark et al.			
	5,306,259	04/26/94	Fischell et al.			
	5,352,207	10/04/94	Nussbaum			
	5,360,397	11/01/94	Pinchuk			
	5,383,899	01/24/95	Hammerslag			
	5,407,427	04/18/95	Zhu, et al.			
	5,419,765	05/30/95	Weldon et al.			
	5,425,746	06/20/95	Proto et al.			
	5,437,631	08/01/95	Janzen			
	5,445,597	08/29/95	Clark et al.			
	5,529,577	06/25/96	Hammerslag			
	5,531,759	07/02/96	Kensey et al			
	5,536,251	07/16/96	Evard et al.			
	5,620,461	04/15/97	Muijs Van De Moer et al.			
	5,649,859	07/22/97	Hannam et al.			

EXAMINER <i>M. L. G.</i>	DATE CONSIDERED <i>Tan 31, 03</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(USE SEVERAL SHEETS IF NECESSARY)</small>	ATTY. DOCKET NO. LOMAU.138A	APPLICATION NO. 09/921,158
APPLICANT Zhu, et al		
FILING DATE August 01, 2001	GROUP 3731	

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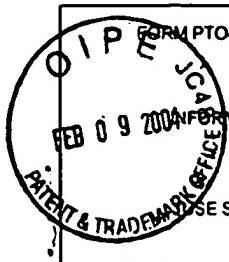
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PJ	EP 0 818 178 A2	3/19/97	European Patent Application				
J	WO 00/33,744	5/15/00	PCT				
V	O 493 810 B1	11/29/95	Europe				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
PJR	PCT International Search Report,		
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			TC 3700 MAIL ROOM

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EXAMINER 	DATE CONSIDERED Jan 31, 03
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 <small>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEB 09 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT USE SEVERAL SHEETS IF NECESSARY</small>	ATTY. DOCKET NO. LOMAU.138A	APPLICATION NO. 09/921,158
	APPLICANT Zhu, et al.	
	FILING DATE August 1, 2001	GROUP 3731

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FEB 09 2004 TECHNOLOGY CENTER R3700 FILING DATE (RE 604)
1	6,197,042	03/06/01	Ginn, et al.			
2	6,277,140	08/21/01	Ginn, et al.			
3	6,391,048	05/21/02	Ginn, et al.			
4	6,461,364	10/08/02	Ginn, et al.			
5	6,623,510	09/23/03	Carley, et al.			
6	6,626,918	09/30/03	Ginn, et al.			
7	6,632,238	10/14/03	Ginn, et al.			
8	US 2002/0002386 A1	01/03/02	Ginn, et al.			
9	US 2002/0072768 A1	06/13/02	Ginn			
10	US 2002/0077656 A1	06/20/02	Ginn, et al.			
11	US 2002/0077657 A1	06/20/02	Ginn, et al.			
12	US 2002/0147479 A1	10/10/02	Aldrich			
13	US 2003/0023267 A1	01/30/03	Ginn			
14	US 2003/0045893 A1	03/06/03	Ginn			
15	US 2003/0050665 A1	03/13/03	Ginn			
16	US 2003/0078598 A1	04/24/03	Ginn, et al.			
17	US 2003/0158577 A1	08/21/03	Ginn, et al.			
18	US 2003/0158578 A1	08/21/03	Pantages, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
				YES	NO		

EXAMINER INITIAL **OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

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EXAMINER	<i>R. K. Blaney</i>	DATE CONSIDERED	<i>6/7/04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <i>1 P E</i> <i>JAN 20 2004</i> <i>AT&T</i>	ATTY. DOCKET NO. LOMAU.138A	APPLICATION NO. <i>09/921,158</i>
		APPLICANT <i>zhu, et al.</i>	
		FILING DATE <i>8/1/01</i>	GROUP <i>3731</i>

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
✓	1 3,653,388	04/04/72	Tenckhoff			
✓	2 4,317,445	03/02/82	Robinson			
✓	3 4,772,266	09/20/88	Groshong			
✓	4 4,865,593	09/12/89	Ogawa, et al.			
✓	5 4,921,479	05/01/90	Grayzel			
✓	6 4,961,729	10/09/90	Vaillancourt			
✓	7 4,984,564	01/15/91	Yuen			RECEIVED
✓	8 5,057,083	10/15/91	Gellman			JAN 28 2004
✓	9 5,176,128	01/05/93	Andrese			
✓	10 5,176,129	01/05/93	Smith			TECHNOLOGY CENTER R3700
✓	11 5,306,254	04/26/94	Nash, et al.			
✓	12 5,649,911	07/22/97	Trerotola			

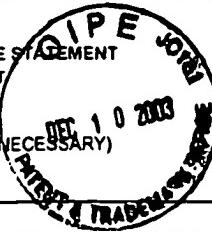
FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

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EXAMINER <i>B. Roberts</i>	DATE CONSIDERED <i>6/17/04</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANTS Yong Hua Zhu and Wolff M. Kirsch	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE August 1, 2001	GROUP 3731



FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BH	50	WO 99 42535	08/26/99	PCT			
BH	51	WO 99 62405	12/09/99	PCT			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
BH	52 Gershony, Gary, M.D. A Novel Femoral Access Site Closure Device: Duet. Early European Clinical Trials, Los Angeles Cardiology Associates, Seminar, Coronary Interventions, Oct. 16-18, 1997.

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EXAMINER <i>B. Roberts</i>	DATE CONSIDERED 6/7/04
'EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.'	

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		FILING DATE August 1, 2001	GROUP 3731

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
11	28 5,556,375	09/17/96	Ewall				
11	29 5,632,727	05/27/97	Tipton et al.				
11	30 5,645,566	7/8/97	Brenneman et al.				
11	31 5,662,681	9/2/97	Nash et al.				
11	32 5,676,689	10/14/97	Kensey et al.				
11	33 5,684,042	11/4/97	Greff et al.			RECEIVED	
11	34 5,725,551	3/10/98	Myers et al.			DEC 12 2003	
11	35 5,810,810	9/22/98	Tay et al.			TECHNOLOGY CENTER R3700	
11	36 5,811,091	9/22/98	Greff et al				
11	37 5,944,730	8/31/99	Nobles et al.				
11	38 6,060,461	5/9/00	Drake				
✓	39 6,155,265 A	12/05/00	Hammerslag et al.				
✓	40 6,198,016	3/01	Lucast et al.				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
11	41 EP 0 028 452 A1	05/13/81	Europe				
11	42 EP 646 350	4/5/95	Europe				
11	43 WO 00 07640	02/17/00	PCT				
11	44 WO 01 62159	2/26/01	PCT				
11	45 WO 02 09591	8/2/01	PCT				
11	46 WO 03 008002	1/30/03	PCT				
11	47 WO 03 008003	7/19/02	PCT				
✓	48 WO 96 10374	4/11/96	PCT				
✓	49 WO 96 24291	8/15/96	PCT				

EXAMINER	<i>D. Roberts</i>	DATE CONSIDERED	<i>6/7/04</i>
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FORM PTO-149 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. LOMAU.138A	APPLICATION NO. 09/921,158
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANTS Yong Hua Zhu and Wolff M. Kirsch	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
✓	1 3,483,870 A	12/16/69	Coover et al.			
	2 3,518,993	07/07/70	Blake			
	3 4,325,376	04/20/82	Klieman, et al.			
	4 4,351,466	09/28/82	Noiles			
	5 4,487,204	12/11/84	Hrouda			
	6 4,492,232	1/8/85	Green			
	7 4,534,351	8/13/85	Rothfuss, et al.			
	8 4,539,990	9/10/85	Stivala			
	9 4,611,595	9/16/86	Klieman, et al.			RECEIVED DEC 12 2003
	10 4,616,650	10/14/86	Green, et al.			TECHNOLOGY CENTER 13700
	11 4,738,658	4/19/88	Magro et al.			
	12 4,821,719	4/18/89	Fogarty			
	13 4,917,087	4/17/90	Walsh et al.			
	14 4,930,674	6/5/90	Barak			
	15 4,931,058	6/5/90	Cooper			
	16 4,934,364	6/19/90	Green			
	17 5,015,249	5/14/91	Nakato et al.			
	18 5,114,400	5/19/92	Lynn			
	19 5,147,381	9/15/92	Heimerl, et al.			
	20 5,282,827	02/01/94	Kensey et al.			
	21 5,297,714	3/29/94	Kramer			
	22 5,300,065	4/5/94	Anderson			
	23 5,383,896	1/24/95	Gershony et al.			
	24 5,411,520	5/2/95	Nash et al.			
	25 5,417,699	5/23/95	Klein et al.			
✓	26 5,458,131	10/95	Wilk			
	27 5,545,178	8/13/96	Kensey et al.			

EXAMINER	<i>J. Hobart</i>	DATE CONSIDERED	6/7/04
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